

# Contributors to this issue

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## Dr. Yang Wu



Dr. Yang Wu, a PhD in Geology from Central South University is Associate Professor. His research interests include ore deposit geology and geochemistry. He is experienced in a number of field works and has strong research ability. From July 2010 to May 2011, he was engaged into a comprehensive study and prospecting forecast of lead and zinc (silver) ore mineralization in Chifeng, Inner Mongolia autonomous region. From May 2011 to February 2012, he was involved as one of the major participants in the comprehensive study and metallogenic prediction of the deep and peripheral prospecting and metallogenic prospecting of the Hujiajian mining area in Wannian county, Jiangxi province. From November 2013 to May 2014, he led the soluble experiment of bauxite mine in Guizhou province and got a good result.

## Dr. Mao Kainan

Dr. Mao Kainan, born in 1987, is Associate Professor. In 2010, he graduated from China University of Geosciences (Wuhan), specialising in resource exploration and engineering. In 2015,



he received his doctorate in science from China University of Geosciences (Wuhan). In October 2015, he was engaged in teaching and research work in Guizhou Institute of Technology. The main research area is sedimentology, geomorphology research.. Dr. Kainan is author of 4 papers including 1 indexed by SCI.

## Dr. (Ms.) Zhang Min



Dr. Zhang Min, PhD, is a Senior Engineer with over 10 years experience in geotechnical engineering, rock mechanics and mining engineering. She has extensive international mining experience with an emphasis in site investigation, analysis and modelling of geotechnical issues in open pits, underground mines, tunnels, as well as project evaluation and management. In recent years, she has led and coordinated a number of due diligence projects like China Coal, and Guizhou Shazi Anatase project in China, which all have been successful being exploited and brought about great economic benefit.

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## DESIGN STRATEGIES OF SOIL AND WATER CONSERVATION MEASURES FOR EREEN GOLD DEPOSIT IN MANDAL SOUM, SELENGE PROVINCE, MONGOLIA – A CASE STUDY

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### 5. Conclusions

The analysis of design strategy on soil and water conservation measures in small watershed of this study of Ereen shows that: terracing, soil and water conservation forest, cash forest and closing hillside are generated by positive parallel coupling design, in which closing hillside is generated after other measures, other measures' area has correlation but not has decisiveness, which belong to the parallel coupling design. The implementation results of measures have caused certain difference of land use structure between small watershed and Mandal Soum, Selenge province, so, the measures still have the possibility of improvement. Analysis of the design strategy on measures of national ecological environment treatment project will be advantageous to understand the process, and find and summarize the reasonableness of measures. The path analysis is only a research idea, from the mathematical perspective there are still other ways can be carried out. Thorough research also can be carried out in model type selection,

variable selection, and so on. The conclusions of this study need to be further confirmed.

### References

1. Technical Review of Ereen Gold Project Mandal Soum, Selenge province, Mongolia [R]. SRKConsulting. 2008.
2. Carmichael, I. S. E. (1991): "The redox states of basic and silicic magmas: a reflection of their source regions." Contributions to *Mineralogy and Petrology*, 1991, 106: 129-141.
3. Chen, Hanlin, Yang, Shufeng and Wu, Guanghai (1994): "Petrochemical and geochemical characteristics of early Paleozoic island-arc volcanic rocks in northern Fujian province." *Acta Mineralogica Sinica*, 1994, 14 (2):186-194.
4. Franzini, M., Leoni, L. and Saitta, M. (1972): "A simple method to evaluate the matrix effects in X-ray fluorescence analysis." *X-Ray Spectrom*, 1:151-154.
5. Li, Tong (1976): "Chemical element abundances in the earth and it'smajor shells." *Geochimica*, 1976(3): 167-174.